

REVOLUTIONIZING
THE POWER OF NAVIGATION





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Engines for Exceptional Performance and Unmatched Efficiency for Superior Navigation

S

Complete solutions for the remotorization of your boat, guaranteeing effective and optimized propulsion.

At Solé, we are dedicated to designing and manufacturing marine engines that stand out for their robustness, high reliability and simplified maintenance. Our unwavering commitment to continuous innovation allows us to effectively adapt to the specific needs of every boater. Ideal for a wide variety of applications, Inboard Diesel Engines are the perfect choice for both recreational and professional boats. Choosing an engine from our range is to guarantee a superior boating experience, with exceptional performance and unmatched efficiency. The range extends from 16 hp to 272 hp, all of them with exclusive marinization and integral manufacturing in our plant in Martorell, Barcelona.



EXPERIENCE THE CUTTING EDGE OF MARINE TECHNOLOGICAL INNOVATION AND DEVELOPMENT.

Also, at Solé we understand that the efficiency and reliability of the boats depend to a great extent on the quality of the propulsion line. That's why we offer an extensive range of propellers, marine shafts and propulsion accessories, designed to provide the complete solution you're looking for. At Solé, you will find everything so that you don't have to worry about anything and can fully enjoy your experience at sea.

Your journey starts with confidence

Solé moves forward, committed to innovation, quality and customer satisfaction, sailing into the future with its sights set on excellence and sustainability.

WE ARE FAMILY

We believe in a team that shares our heritage, respecting a close and familiar way of being. Our aim is to create an environment of security and stability that allows them to shine and reach their full potential. We strive to provide an exceptional service that not only inspires confidence in our team, but also in our customers and our entire community.

OUR STRENGTH, YOU

Our customers are our reason of being and the inspiration for each of our actions and decisions. We pursue models of constant improvement and maintain active listening to offer the products and services best suited to the current and future needs of the marine industry.

“We promote the positive impact on the marine sector through more responsible action”

TAILORED TO YOU

We value the uniqueness of each project and approach it in a unique way. We adapt to the needs and requirements of those who collaborate with us in increasingly challenging projects that allow us to explore new horizons in navigation.

TOTAL DELIVERY

We maintain an unwavering commitment to people, industry and society, giving our best every time. We devote all our attention, effort and resources to understanding the needs and expectations of our environment to build a more promising and respectful future for everyone.



Solutions for navigators, perfect & complete

In each of our solutions you will find the perfect combination of performance, durability and reliability. Join the best team and discover why we are the preferred choice for boaters around the world.

With Solé, your journey begins with confidence.

S



WE ARE INDUSTRY

Based in Europe and with an eye on the world, we are creators of innovative solutions, capable of bringing the boldest ideas to life. Our work as a manufacturer is a perfect combination of precision and creativity, using cutting-edge technology and craftsmanship skills to create products that make a difference.



360° VISION

We offer a complete service for a variety of solutions, geographic territories, and types of boats. We seek to be the trusted partner for a wide range of clients, from private individuals to shipyards, always with a clear vocation for service and advice.



HIGH PERFORMANCE

Our products are created and distributed with a commitment to meet the highest standards to ensure robustness, reliability, low maintenance to the highest and the assurance of having the best products in the market.



A UNIQUE PARTNER

The legacy of knowledge, skills and technologies acquired over time has meant that we have been able to meet the changing demands of the market and of society to offer a promising future.



MORE THAN ENGINES

At Solé Advance, your experience goes beyond engines and generators. We offer a full range of marine accessories to ensure that your team is a complete solution to your boating needs, from the engine to the propulsion line.



A SERVICE THAT GOES WITH YOU

Our global distribution and service network means we're there for you, wherever your adventure takes you. With efficient integrated logistics, the spare part you need is just an order away. Find your nearest dealer near you and find out what we can do for you.

**WHEREVER YOU SAIL, SOLÉ'S GLOBAL NETWORK ENSURES
THAT THERE WILL ALWAYS BE A DEALER NEARBY TO HELP YOU**

Solé's presence always close to you ensures that you can fully enjoy your voyages without worries.

INTEGRATED LOGISTICS, IMMEDIATE SERVICE

Repower the boat rebirth

Repowering is the meeting point between experience and innovation, the moment they come together to offer ultimate peace of mind at sea.

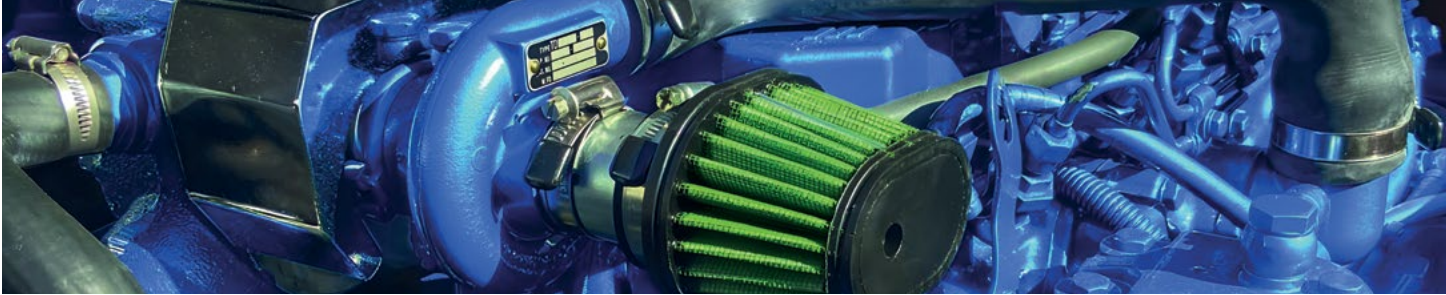
We specialize in engine renewal, replacing outdated systems with more efficient inboard marine engines to enhance both the performance and reliability of your boat.

RENEW IT, THE ART OF REPOWERING

When it comes to ships, the boat motor is the heart that drives every adventure, and over time, even the most reliable boat engines may require refurbishment. At Solé, we deeply understand the importance of this process.

Remotorization is not merely a replacement of components; it is an art that demands precision, knowledge, and passion. With over a century of experience in manufacturing marine diesel inboard engines, we have become experts in this field. Our commitment is to ensure that every boater unleashes the maximum potential from their boat, providing them with the best boating experience.

Our dedicated team of engineers and technical experts, working in collaboration with Solé's extensive network of distributors worldwide, closely analyze and comprehend the unique needs of your boat. This allows us to offer customized solutions that consistently exceed your expectations.



Repair vs. Repower

HOW TO KNOW IF IT'S TIME TO REPLACE YOUR BOAT ENGINE

The moment the ship engine starts to show signs of wear and low performance, the inevitable dilemma arises: should I continue with repairs or is it time to consider an exchange for a new engine? This crucial decision can significantly impact the life and performance of your boat, and to make the best choice, it is important to stop and think about several key factors:

01

ASSESS THE CURRENT STATE OF THE ENGINE

The first step in determining whether it is preferable to repair or replace the marine engine is to carry out a thorough assessment of its current condition. Identifying any damage, worn components, or chronic problems will help to understand the extent of repairs needed and whether these solutions are feasible in the long term. This is an important point to consider if the engine consumes too much fuel.

02

ANALYSE THE AGE OF THE ENGINE AND THE COST OF PREVIOUS REPAIRS

The age of the engine and previous repairs are also important factors. Repairs may be a reasonable option if your engine is relatively new and well-maintained. However, if the machine has a long service life and has required frequent repairs in the past, a repower may be a more suitable option to ensure better performance and reliability in the future.

03

COST AND EFFICIENCY ANALYSIS

It is essential to carry out a financial analysis to determine whether the investment in repairs is viable compared to the cost of repower. Repairs can often accumulate expenses, and in some cases, the total cost can approach that of a new engine. In these situations, opting for a new engine may be a wiser decision, as it will offer modern, more efficient, and reliable equipment at a more predictable long-term cost.

04

ASSESS CURRENT VS. DESIRED PERFORMANCE AND POWER OUTPUT

Finally, consider the desired performance and your expectations for your boat. If you want a significant improvement in power, efficiency, and reliability, a new engine will give you a noticeable leap in performance. In addition, if you aim to maintain your boat for many years, repowering can be a long-term investment that ensures the quality and value of the boat over time.

ADVANTAGES OF MARINE REPOWER

Changing your boat's engine can bring you the following benefits. Giving your boat a new lease of life has never been easier.

- ✓ Increased power and performance
- ✓ Fuel efficiency
- ✓ Reliability and reduced maintenance
- ✓ Reduced environmental impact
- ✓ Noise and vibration reduction
- ✓ Revaluation of the boat
- ✓ Adaptation to new technologies



Engines to bring your dreams to life

At Solé we are specialists in marine engines for all types of boats and yachts and for both leisure and work applications.

Since 1912 we have been marinizing them entirely in our factory in Barcelona. We customize them to measure, with various accessories that complete the entire propulsion line, from the engine to the propeller.

In addition to the marine engine, at Solé you will find everything you need to replace your boat's engine in the most complete way:

- Cooling systems - Exhaust systems - Fuel systems
- Customized shafts manufactured inhouse
- Wide range of fixed propellers, folding propellers, and feathering propellers
- Couplings, clamps, stuffings, rope cutters, shaft brackets, engine control, anodes.
- Hoses - Control
- Maintenance packs
- Wide range of original consumables such as engine oil, coolants and filters.

We guarantee the supply of spare parts for your new engine for almost its entire service life.

REPOWER WITH THE MOST FACILITY

In addition, thanks to the special Solé customized special feet for the repower, you can easily fit the new Solé diesel engine on your engine bed. Discover the wide range of models with numerous sizes that will allow you to make the most of the space available without the need to adapt the bedplate, which will enable you to make significant savings.

If you're thinking about giving your boat a renewed boost and a new lease on life, don't hesitate to choose Solé and get ready to sail confidently toward a horizon of possibilities.

Repower
with Solé
custom solutions.

No surprises, no extra costs.

SPECIAL FEET PACKS FOR THE REPOWER

Solé offers you custom support kits for remotorization.

These supports for marine engines are designed to make it easier to replace old engines without the need for costly modifications to adapt the new engine. Each kit includes supports with custom-drilled holes, adjusted to the dimensions of the previous engine, along with the necessary bolts for installation.

With these kits, changing your engine to a Solé one will be easy and cost-effective, allowing your boat to enjoy a new life with Solé's reliability and durability.

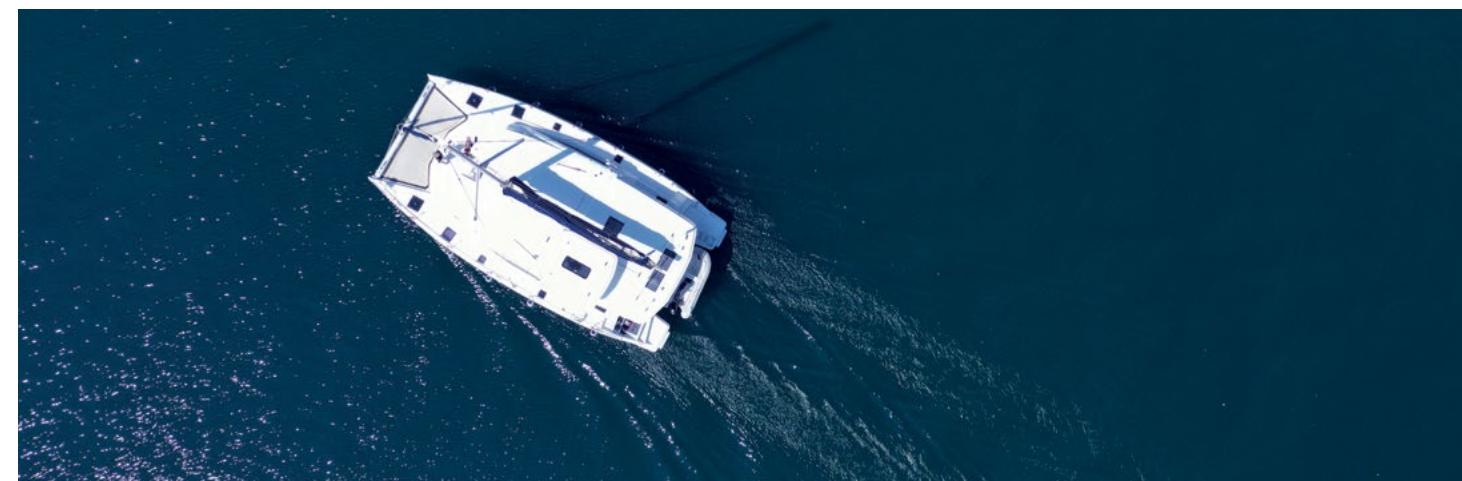
THE MOST EFFICIENT OPTION FOR REPLACING THE BOAT'S ENGINE

The marine engine mounts are designed and manufactured to fit the new Solé engines to the engine bed, avoiding additional costs for modifications and extra work on the bed.

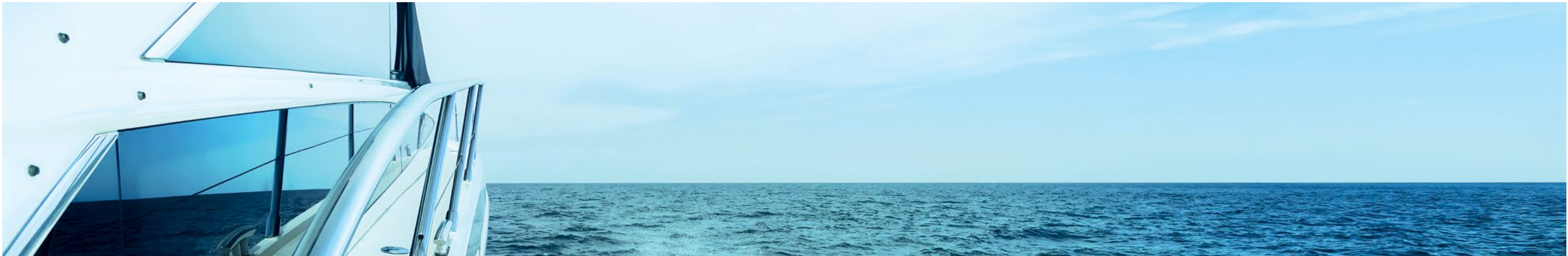
Less work on the engine bed means less time needed for re-motorization, helping you save on labor costs and speed up the process.

Our mounts offer maximum compatibility, allowing a seamless transition from older Solé Diesel engines to newer Solé models, as well as from other brands like Volvo Penta or Yanmar to new Solé engines. This provides greater flexibility when choosing the best engine for your boat without major alterations or complicated adaptations.

Our network of distributors is available to advise you and conduct a detailed assessment. Additionally, Solé provides a form to request a personalized analysis.



SPECIAL FEET FOR THE REPOWER

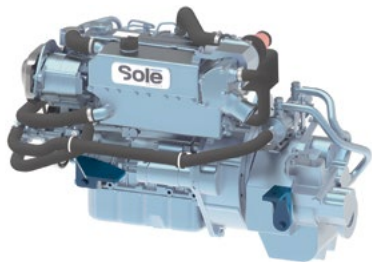


REPOWERING

At Solé, we offer custom engine mounting kits for boats, designed to help replace the old engine while avoiding extra costs associated with adapting the new engine to your boat.

Thanks to these kits, installing the new engine becomes simpler and more cost-effective, giving your boat a new lease on life with guaranteed durability and reliability.

**Additionally, we also offer spacer packs to complement the repowering process and facilitate the alignment of the engine mounts if needed.*



SHIMS FOR BOAT REPOWER

Shims height for marine engines are the ideal solution for precise and secure repowering of your boat, allowing for optimal engine adjustment and alignment. To ensure proper leveling, we recommend using shims under the engine mounts (silentblocks)—the most reliable method for this process.

Our range includes 3 spacer packs compatible with all Solé engines. Each pack contains 12 shims in 3 different sizes, with 4 units of each size, ensuring you always have the perfect combination for a safe and stable installation.

REPLACEMENT SOLÉ – SOLÉ

	MINI-17	MINI-29	MINI-33	MINI-44	MINI-55	SK-60
MINI-1-2-3	.	.				
MINI-10	.	.				
MINI-11	.	.				
MINI-17 V0_V1_V2_V3	.	.				
MINI-17 V4	.	.				
MINI-18	.					
MINI-23	.	.				
MINI-26	.	.				
MINI-29 V0_V2_V3	.	.				
MINI-29 V4_V5	.	.				
MINI-32		.	.			
MINI-33 V0_V1_V3		.	.			
MINI-34	.	.	.			
MINI-48		
MINI-50		
PERKINS-4107 (SP)		.				
PERKINS-4108			.	.		
SM-615			.	.		



REPLACEMENT VOLVO-SOLÉ

	MINI-17	MINI-29	MINI-33	MINI-44	MINI-55
2001	.				
2002	.	.			
2003	
2003 Turbo	
MD5A	.				
MD6A	.				
MD7A	.				
MD2B		.			
MD11		.	.		
MD 11C		.	.		
MD17					
MD 2010		.			
MD 2020		.	.		
MD 2030		.	.		
MD 2040			.	.	
D1-13		.			
D1-20		.	.		
D1-30		.			
D1-30 COLA 130S			.		
D2-40				.	.
D2-40 COLA 130 S				.	.
MD17/C (Largo 533)				.	.
MD17/C (Largo 608)				.	
MD3B				.	

REPLACEMENT YANMAR – SOLÉ

	MINI-17	MINI-29	MINI-33	MINI-44	MINI-55
1GM	.				
1GM10	.				
1GM10V	.				
2GM20	.	.			
2GM20F	.	.			
2GM20 SD20	.				
2GM20FV	.				
2QM20H			.		
2YM15		.			
3GM 30		.			
3GM30F		.			
3GM 30 SD20		.			
3GM30FV		.			
3HM		.			
3HM 35		.			
3HMF		.			
3JH2-E			.		
3JH2-TE				.	
3JH4E				.	
3JH4E SD40			.		
4JHE				.	
4JHE				.	
4JH-TE				.	
4JH-TE				.	
4JH3CE SD40				.	
4JH2-E					.
SB12/SB12G	.				
SB8/SB8G	.				

SAIL DRIVE AND GEARBOX KITS



SAILDRIVE AND GEARBOX COMPATIBILITY WITH SOLÉ ENGINES

At Solé, we provide you with all the information you need about the compatibility of saildrives and gearboxes with our engine models, ensuring optimal and efficient integration in any type of boat.

In our catalog, you'll find a table that helps you easily identify which saildrive models are adaptable to each type of engine, making your selection easier and guaranteeing the best performance for your boat.

SAILDRIVE & Z.DRIVE

ENGINE	MANUFACTURERS	
MINI-17 MINI-29 MINI-33	KIT SDRIVE VOLVO 120SB/120SC/120SE/MS-2B KIT SDRIVE VOLVO 110S KIT SDRIVE YANMAR SD20/SD25 KIT SDRIVE VOLVO 100S KIT SDRIVE VOLVO 120S	KIT SDRIVE VOLVO 130S,MS25S/SD60 YANMAR KIT SDRIVE BUKH DV10/DV20/DV24 KIT SDRIVE SELVA KIT SDRIVE TECHNO.SP60
MINI-44 MINI-55	KIT SDRIVE VOLVO 120SB/120SC/120SE/120S/MS-2B KIT YANMAR SD50/50-4T/40/31/30 KIT ZDRIVE VOLVO 270/280/290 Z=10 KIT SDRIVE VOLVO 130S,MS25S/SD60 YANMAR	KIT ZDRIVE VOLVO 280/290 Z=26 KIT BUKH DV36 KIT SDRIVE TECHNO.SP60 KIT SDRIVE VOLVO 110S
MINI-62	KIT ZDRIVE VOLVO 270/280/290 Z=10 KIT SDRIVE VOLVO 110S	KIT BUKH DV48 KIT ADAP. SDRIVE SONIC KIT SDRIVE TECHNO.SP60
SK-60	KIT SDRIVE VOLVO 110S KIT ZDRIVE VOLVO 280/290 (Z=26)	KIT SDRIVE TECHNO.SP60
MINI-74, SM-103	KIT ZDRIVE VOLVO 280/290 Z=26	KIT ZDRIVE VOLVO 270/280/290 Z=10
SM-82, SM-94	KIT ZDRIVE VOLVO 280/290 Z=26 KIT ZDRIVE VOLVO 270/280/290 Z=10	KIT ZF SD 15

GEARBOX KITS

ENGINE	MANUFACTURERS	
MINI-17	KIT INV. RONIM 5 KIT INV. VOLVO MS-2/MS-2B KIT INV. TMC-40P V6 SOP. MORSE	KIT INV. TMC-60 KIT INV. TMC/ZF/PRM KIT INV. ZF 15 MIV
MINI-29	KIT INV. VOLVO MS-2 KIT INV. TMC-40P V6 SOP. MORSE KIT INV. RONIM 5 KIT INV. TM-345/345A	KIT INV. ZF 15 MIV KIT INV. TMC-60 KIT INV. TMC/ZF/PRM
MINI-33	KIT INV. RONIM 5 KIT INV. VOLVO MS-2/MS-2B KIT INV. TM-345/345A KIT INV. TM-345A (WITHOUT COOLING) KIT PRM DELTA CARCASA SAE 7 - BW & WITHOUT COOLING KIT PRM DELTA CARCASA SAE 7 - BW & OIL COOLING KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. PRM-160 SAE 7	KIT INV. HURTH-150A,ZF 15M IV KIT INV. TMC-60/60A SOP. MORSE KIT INV. TMC-40P SOP. MORSE KIT INV. TTMC35A2 KIT INV. TMC-260 KIT INV. TMC/ZF/PRM KIT INV. PRM-150 (WITHOUT OIL COOLING)
MINI-44	KIT INV. VOLVO MS-2/MS-2B KIT INV. TM-93 KIT INV. TM-345/A KIT INV. TM-345/A (WITHOUT COOLING) KIT PRM DELTA CARCASA SAE 7 - BW & OIL COOLING KIT INV. PRM-150 (WITHOUT OIL COOLING) KIT INV. SAE 7 - (WITHOUT OIL COOLING) KIT INV. SAE 7 - BW & OIL COOLING	KIT INV. PRM-160 SAE 5 KIT INV. HURTH-150A,ZF 15M IV KIT INV. TMC-60/60A SOP. MORSE KIT INV. ZF-25/A KIT INV. TTMC35 KIT INV. TMC-260 SOP. MORSE KIT INV. TMC-60/ZF/PRM (ZF12M)
MINI-55	KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. ZF-25/A KIT INV. TMC-260 SOP. MORSE KIT INV. TM-93 KIT INV. TM-345/A	KIT INV. PRM-150 (WITHOUT OIL COOLING) KIT INV. HURTH-150A, ZF 15M IV KIT INV. TMC-60 SOP. MORSE KIT INV. TTMC35A2 KIT INV. TMC/ZF/PRM
MINI-62	KIT INV. TM-93/A KIT INV. TM-170A (WITHOUT OIL COOLING) KIT INV. TM-345/345A HYDRAULIC INVERTER KIT SAE 7 KIT INV. SAE 7 - BW KIT INV. ZF-25MA/M - HBW250 ZF-25 HYDRAULIC INVERTER KIT (HSW250/A) KIT INV. SAE 7 - BW (WITHOUT OIL COOLING)	KIT INV. TMC-260 SOP. MORSE KIT INV. PRM-260D SAE 7 KIT INV. TMC-60 SOP. MORSE KIT INV. HURTH-150V ZF 68 IV HYDRAULIC INVERTER KIT KIT INV. PRM-150 KIT INV. TMC-60/ZF/PRM KIT INV. TMC-260
SK-60	KIT INV. TM-93/A KIT INV. TM-345/345A KIT INV. SAE 7 - BW KIT INV. TMC-260 SOP. MORSE	KIT INVERSOR TMC-260 OIL COOLING KIT INV. TMC-60 SOP. MORSE ZF 68 IV HYDRAULIC INVERTER KIT
MINI-74	KIT INV. TM-93/93A/545A KIT INV. TM-345/A KIT INV. TM-170/170A/880A KIT INV. SAE 7 - BW & OIL COOLING KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. ZF-25 (WITHOUT OIL COOLING)	KIT INV. TMC-260 MINI-74 KIT INV. DONG-I DMT-25AL KIT INV. DONG-I DMT-50A KIT INV. ZF 68 IV KIT INV. PRM-750 IN-LINE KIT INV. PRM-500
SM-82	KIT INV. TM-93/93A/545A KIT INV. TM-345/A KIT INV. TM-170/170A/880A KIT INV. SAE 7 - BW & OIL COOLING KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. ZF-25 (WITHOUT OIL COOLING)	KIT INV. DONG-I DMT-50A KIT INV. ZF-45.1 SAE3 SAE11,5 KIT INV. ZF 68 IV KIT INV. TM-485A1 KIT INV. TMC-260 SM-82/94
SM-94	KIT INV. TM-93/93A/545A KIT INV. TM-345/A KIT INV. TM-170/170A/880A KIT INV. SAE 7 - BW & OIL COOLING KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. ZF-25 (WITHOUT OIL COOLING)	KIT INV. DONG-I DMT-50A KIT INV. ZF 68 IV KIT INV. TM-485A1 KIT INV. PRM-500 KIT INV. TMC-260 SM-82/94
SM-103	KIT INV. DONG-I DMT-25AL KIT INV. ZF 68 IV KIT INV. TM-93/A KIT INV. TM-170/170A/880A KIT INV. TM-265/265A KIT INV. BORG WARNER	KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. PRM-750 IN-LINE KIT INV. TM-485A1 KIT INV. PRM-500 KIT INV. DONG-I DMT-50A
SDZ-165	KIT INV. SAE 7 - BW (WITHOUT OIL COOLING) KIT INV. TM-170/170A/880A KIT INV. TM-170/170A/880A (WITHOUT COOLING) KIT INV. TM-265/A ACOPL. CF-R 136 KIT INV. TM-93	KIT INV. DONG-I DMT100HL/90A KIT INV. PRM-302 (WITHOUT OIL COOLING) KIT INV. ZF 68 IV (MAX 3000H/YEAR) KIT INV. TM-265/A ACOPL. CF-R 136 KIT INV. TM-200B
SDZ-205	KIT INV. DONG-I DMT100HL/90A KIT INV. TM-265/A ACOPL. RBD KIT INV. TM-265/A ACOPL. CF-R 136 KIT INV. TM-170/170A/880A	KIT INV. TM-200B INVERTER KIT & OIL COOLER FOR ZF 301-1A KIT INV. TM-1200A
SDZ-280	KIT INV. TM-360 KIT INV. TM-880A KIT INV. TM-1200A	KIT INV. DMT-100HL KIT INV. DMT-100IV

ENGINE RANGE



	MINI-17	MINI-29
INTERMITTENT POWER	16.0 CV (11.8 kW)	27.0 CV (20 kW)
CONTINUOUS OUTPUT	14.0 CV (10.6 kW)	24.0 CV (18 kW)
R. P. M.	3600	3600
TOTAL DISPLACEMENT	635 cc	952 cc
BORE X STROKE	76 mm x 70 mm (2.99 in x 2.76 in)	76 mm x 70 mm (2.99 in x 2.76 in)
INTAKE SYSTEM	Naturally aspirated	Naturally aspirated
DRY WEIGHT WITHOUT GEARBOX	95 Kg (209.4 lb)	118 Kg (260.1 lb)
ENGINE DIMENSIONS	396 mm x 392 mm x 500 mm	504 mm x 388 mm x 504 mm
CONTROL PANEL	SSG 20 panel 12V	SSG 20 panel 12V
STANDARD EQUIPMENT	3 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual	3 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO	Diésel/HVO
ALTERNATOR	75 A (12 V)	75 A (12 V)
EMISSION COMPLIANCE	EU: RCD II (DIR. 2013/53/EU), BSO II, UKCA	EU: RCD II (DIR. 2013/53/EU), BSO II, UKCA
BASE ENGINE	Mitsubishi	Mitsubishi



	MINI-55	SK-60
INTERMITTENT POWER	50.0 CV (36.8 kW)	60.0 CV (44 kW)
CONTINUOUS OUTPUT	45.0 CV (33.1 kW)	54.0 CV (39.6 kW)
R. P. M.	3000	2700
TOTAL DISPLACEMENT	1758 cc	2434 cc
BORE X STROKE	78 mm x 92 mm (3.07 in x 3.62 in)	87 mm x 102.4 mm (3.43 in x 4.03 in)
INTAKE SYSTEM	Turbocharged	Turbocharged
DRY WEIGHT WITHOUT GEARBOX	184 Kg (405.6 lb)	218 Kg (480.6 lb)
ENGINE DIMENSIONS	578 mm x 495 mm x 625 mm	875 mm x 640 mm x 730 mm
CONTROL PANEL	SSG 20 panel 12V	SSG 20 panel 12V
STANDARD EQUIPMENT	3 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO	Diésel/HVO
ALTERNATOR	120 A (12 V)	120 A (12 V)
EMISSION COMPLIANCE	EU: RCD II (DIR. 2013/53/EU)	EU: RCD II (DIR. 2013/53/EU)
BASE ENGINE	Mitsubishi	Kubota



	MINI-33	MINI-44
INTERMITTENT POWER	31.0 CV (23.1 kW)	42.0 CV (30.9 kW)
CONTINUOUS OUTPUT	28.0 CV (20.8 kW)	38.0 CV (27.8 kW)
R. P. M.	3000	3000
TOTAL DISPLACEMENT	1318 cc	1758 cc
BORE X STROKE	78 mm x 92 mm (3.07 in x 3.62 in)	78 mm x 92 mm (3.07 in x 3.62 in)
INTAKE SYSTEM	Naturally aspirated	Naturally aspirated
DRY WEIGHT WITHOUT GEARBOX	157 Kg (346.1 lb)	175 Kg (385.8 lb)
ENGINE DIMENSIONS	489 mm x 441 mm x 573 mm	578 mm x 441 mm x 573 mm
CONTROL PANEL	SSG 20 panel 12V	SSG 20 panel 12V
STANDARD EQUIPMENT	3 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual	3 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO	Diésel/HVO
ALTERNATOR	120 A (12 V)	120 A (12 V)
EMISSION COMPLIANCE	EU: RCD II (DIR. 2013/53/EU), BSO II, UKCA	EU: RCD II (DIR. 2013/53/EU), BSO II, UKCA
BASE ENGINE	Mitsubishi	Mitsubishi



	MINI-62	MINI-74
INTERMITTENT POWER	59.0 CV (43.4 kW)	64.0 CV (47 kW)
CONTINUOUS OUTPUT	53.0 CV (39.1 kW)	58.0 CV (42.3 kW)
R. P. M.	3000	2500
TOTAL DISPLACEMENT	2311 cc	3331 cc
BORE X STROKE	88 mm x 95 mm (3.46 in x 3.74 in)	94 mm x 120 mm (3.7 in x 4.72 in)
INTAKE SYSTEM	Naturally aspirated	Naturally aspirated
DRY WEIGHT WITHOUT GEARBOX	223 Kg (491.6 lb)	300 Kg (661.4 lb)
ENGINE DIMENSIONS	640 mm x 517 mm x 623 mm	714 mm x 527 mm x 710 mm
CONTROL PANEL	SSG 20 panel 12V	SSG 30 panel 12V
STANDARD EQUIPMENT	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO	Diésel/HVO
ALTERNATOR	95 A (12 V)	95 A (12 V)
EMISSION COMPLIANCE	NON EMISSION	EU: RCD II (DIR. 2013/53/EU)
BASE ENGINE	Mitsubishi	Mitsubishi



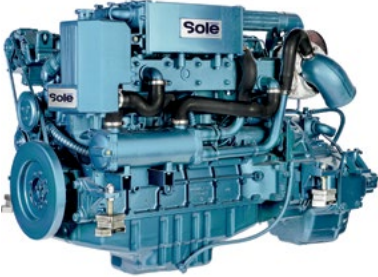
	SM-82	SM-94
INTERMITTENT POWER	82.0 CV (60.3 kW)	94.0 CV (69 kW)
CONTINUOUS OUTPUT	74.0 CV (54.3 kW)	84.0 CV (62.1 kW)
R. P. M.	2500	2500
TOTAL DISPLACEMENT	3331 cc	3331 cc
BORE X STROKE	94 mm x 120 mm (3.7 in x 4.72 in)	94 mm x 120 mm (3.7 in x 4.72 in)
INTAKE SYSTEM	Turbocharged	Turbocharged
DRY WEIGHT WITHOUT GEARBOX	308 Kg (679.0 lb)	308 Kg (679.0 lb)
ENGINE DIMENSIONS	714 mm x 566 mm x 821 mm	714 mm x 614 mm x 810 mm
CONTROL PANEL	SSG 30 panel 12V	SSG 30 panel 12V
STANDARD EQUIPMENT	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO	Diésel/HVO
ALTERNATOR	95 A (12 V)	95 A (12 V)
EMISSION COMPLIANCE	EU: RCD II (DIR. 2013/53/EU)	EU: RCD II (DIR. 2013/53/EU)
BASE ENGINE	Mitsubishi	Mitsubishi



	SM-103
INTERMITTENT POWER	103.0 CV (75.8 kW)
CONTINUOUS OUTPUT	93.0 CV (68.2 kW)
R. P. M.	2500
TOTAL DISPLACEMENT	4996 cc
BORE X STROKE	94 mm x 120 mm (3.7 in x 4.72 in)
INTAKE SYSTEM	Naturally aspirated
DRY WEIGHT WITHOUT GEARBOX	408 Kg (899.5 lb)
ENGINE DIMENSIONS	928 mm x 563 mm x 748 mm
CONTROL PANEL	SSG 30 panel 12V
STANDARD EQUIPMENT	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO
ALTERNATOR	95 A (12 V)
EMISSION COMPLIANCE	NON EMISSION
BASE ENGINE	Mitsubishi



	SDZ-165	SDZ-205
INTERMITTENT POWER	160.0 CV (118 kW)	196.0 CV (143.9 kW)
CONTINUOUS OUTPUT	144.0 CV (106.2 kW)	176.0 CV (129.5 kW)
R. P. M.	2300	2300
TOTAL DISPLACEMENT	4764 cc	7146 cc
BORE X STROKE	108 mm x 130 mm (4.25 in x 5.12 in)	108 mm x 130 mm (4.25 in x 5.12 in)
INTAKE SYSTEM	Turbocharged	Turbocharged
DRY WEIGHT WITHOUT GEARBOX	555 Kg (1223.6 lb)	650 Kg (1433.0 lb)
ENGINE DIMENSIONS	862 mm x 665 mm x 935 mm	1146 mm x 640 mm x 942 mm
CONTROL PANEL	SSG 30 panel 24V	SSG 30 panel 24V
STANDARD EQUIPMENT	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO	Diésel/HVO
ALTERNATOR	55 A (24 V)	55 A (24 V)
EMISSION COMPLIANCE	NON EMISSION	NON EMISSION
BASE ENGINE	Deutz	Deutz



	SDZ-280
INTERMITTENT POWER	272 CV (200 kW)
CONTINUOUS OUTPUT	245.0 CV (180 kW)
R. P. M.	2300
TOTAL DISPLACEMENT	7146 cc
BORE X STROKE	108 mm x 130 mm (4.25 in x 5.12 in)
INTAKE SYSTEM	Turbocharged with intercooler
DRY WEIGHT WITHOUT GEARBOX	680 Kg (1499.1 lb)
ENGINE DIMENSIONS	1146 mm x 690 mm x 974 mm
CONTROL PANEL	SSG 30 panel 24V
STANDARD EQUIPMENT	4 m electrical extension lead Silentblocks Oil extraction pump Owner's Manual
FUEL TYPE	Diésel/HVO
ALTERNATOR	55 A (24 V)
EMISSION COMPLIANCE	NON EMISSION
BASE ENGINE	Deutz

ENGINE GEARBOXES

ENGINE	MODEL	TYPE	DOWN ANGLE	REDUCTION	REDUCTION	ENGINE WEIGHT W/ GEARBOX
			GRADES	PLEASURE CRAFT	COMMERCIAL	KG (Lbs)
MINI-17	SP 60	Mechanical	0°	2.15:1-2.38:1	-	140 Kg (308 Lbs)
	TMC-40P	Mechanical	0°	1.45:1-2.00:1-2.60:1	1.45:1-2.00:1-2.60:1	105 Kg (232 Lbs)
	TMC-60A	Mechanical	7°	2.00:1-2.45:1	2.00:1-2.45:1	110 Kg (243 Lbs)
	TMC-60P	Mechanical	0°	2.00:1-2.45:1	2.00:1-2.45:1	110 Kg (243 Lbs)
	ZF 15 MIV	Mechanical	15°	2.13:1	2.13:1	116 Kg (257 Lbs)
MINI-29	SP 60	Mechanical	0°	2.15:1-2.38:1	-	163 Kg (360 Lbs)
	TM-345	Hydraulic	0°	2.00:1-2.47:1	2.00:1-2.47:1	145 Kg (319 Lbs)
	TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1-2.47:1	145 Kg (319 Lbs)
	TMC-40P	Mechanical	0°	1.45:1-2.00:1-2.60:1	1.45:1-2.00:1	128 Kg (284 Lbs)
	TMC-60A	Mechanical	7°	2.00:1-2.45:1	2.00:1-2.45:1	133 Kg (295 Lbs)
	TMC-60P	Mechanical	0°	1.55:1-2.00:1-2.45:1	1.55:1-2.00:1-2.45:1	133 Kg (295 Lbs)
	ZF 15 MIV	Mechanical	15°	2.13:1	2.13:1	140 Kg (308 Lbs)
MINI-33	SP 60	Mechanical	0°	2.15:1-2.38:1	-	202 Kg (447 Lbs)
	TM-345	Hydraulic	0°	2.00:1-2.47:1	2.00:1-2.47:1	184 Kg (407 Lbs)
	TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1-2.47:1	184 Kg (407 Lbs)
	TMC-260	Mechanical	0°	2.88:1	2.88:1	177 Kg (391 Lbs)
	TMC-40P	Mechanical	0°	1.45:1-2.00:1	1.45:1	168 Kg (371 Lbs)
	TMC-60A	Mechanical	7°	2.00:1-2.45:1	2.00:1-2.45:1	173 Kg (382 Lbs)
	TMC-60P	Mechanical	0°	1.55:1-2.00:1-2.45:1-2.83:1	1.55:1-2.00:1-2.45:1-2.83:1	173 Kg (382 Lbs)
MINI-44	ZF 15 MIV	Mechanical	15°	2.13:1	2.13:1	179 Kg (395 Lbs)
	SP 60	Mechanical	0°	2.15:1-2.38:1	-	221 Kg (487 Lbs)
	TM-345	Hydraulic	0°	2.00:1-2.47:1	2.00:1-2.47:1	202 Kg (447 Lbs)
	TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1-2.47:1	202 Kg (447 Lbs)
	TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1-2.77:1	231 Kg (510 Lbs)
	TMC-260	Mechanical	0°	2.00:1-2.47:1-2.88:1	2.00:1-2.47:1-2.88:1	195 Kg (431 Lbs)
	TMC-60A	Mechanical	7°	2.00:1-2.45:1	-	191 Kg (422 Lbs)
MINI-55	TMC-60P	Mechanical	0°	1.55:1-2.00:1-2.45:1-2.83:1	1.55:1-2.00:1	191 Kg (422 Lbs)
	ZF 12 M	Mechanical	0°	2.14:1	2.14:1	190 Kg (420 Lbs)
	ZF 15 MIV	Mechanical	15°	2.13:1	2.13:1	197 Kg (436 Lbs)
	SP 60	Mechanical	0°	2.15:1	-	230 Kg (507 Lbs)
	TM-345	Hydraulic	0°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1-2.47:1	212 Kg (467 Lbs)
	TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1-2.47:1	212 Kg (467 Lbs)
	TM-93	Hydraulic	0°	2.09:1-2.40:1-2.77:1	2.09:1-2.40:1-2.77:1	240 Kg (530 Lbs)
MINI-62	TMC-260	Mechanical	0°	2.00:1-2.47:1	2.00:1-2.47:1	205 Kg (451 Lbs)
	TMC-60A	Mechanical	7°	2.00:1-2.45:1	-	200 Kg (442 Lbs)
	TMC-60P	Mechanical	0°	1.55:1-2.00:1-2.45:1	1.55:1	200 Kg (442 Lbs)
	TTMC35P	Mechanical	0°	1.96:1	-	198 Kg (438 Lbs)
	ZF 15 MIV	Mechanical	15°	2.13:1	-	207 Kg (456 Lbs)
	SP 60	Mechanical	0°	2.15:1	-	269 Kg (595 Lbs)
	TM-345	Hydraulic	0°	2.00:1-2.47:1	2.00:1-2.47:1	251 Kg (554 Lbs)
MINI-74	TM-345A	Hydraulic	8°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1-2.47:1	251 Kg (554 Lbs)
	TM-93	Hydraulic	0°	2.09:1-2.40:1-2.77:1	2.09:1-2.40:1-2.77:1	280 Kg (617 Lbs)
	TM-93A	Hydraulic	8°	2.09:1-2.40:1	2.09:1-2.40:1	280 Kg (617 Lbs)
	TMC-260	Mechanical	0°	2.00:1-2.47:1	2.00:1-2.47:1	244 Kg (539 Lbs)
	TMC-60A	Mechanical	7°	-	-	240 Kg (530 Lbs)
	TMC-60P	Mechanical	0°	2.00:1	-	240 Kg (530 Lbs)
	ZF 15 MIV	Mechanical	15°	2.13:1	-	246 Kg (543 Lbs)
MINI-74	DMT-25AL	Hydraulic	0°	-	3.32:1	382 Kg (843 Lbs)
	DMT-50A	Hydraulic	0°	-	3.12:1-3.45:1	449 Kg (991 Lbs)
	TM-170	Hydraulic	0°	2.94:1	2.94:1	380 Kg (838 Lbs)
	TM-345	Hydraulic	0°	2.00:1-2.47:1	2.00:1	329 Kg (727 Lbs)
	TM-345A	Hydraulic	8°	2.00:1-2.47:1	2.00:1	329 Kg (727 Lbs)
	TM-880A	Hydraulic	10°	2.60:1	2.60:1	359 Kg (791 Lbs)
	TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1-2.77:1	358 Kg (789 Lbs)
	TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	1.51:1-2.09:1-2.40:1	358 Kg (789 Lbs)
	TMC-260	Mechanical	0°	2.00:1-2.47:1	2.00:1	322 Kg (711 Lbs)
	ZF 68 IV	Hydraulic	12°	1.29:1-1.56:1-2.00:1-2.48:1	1.29:1-1.56:1-2.00:1-2.48:1	367 Kg (809 Lbs)

ENGINE	MODEL	TYPE	DOWN ANGLE	REDUCTION	REDUCTION	ENGINE WEIGHT W/ GEARBOX
			GRADES	PLEASURE CRAFT	COMMERCIAL	KG (Lbs)
SDZ-165	DMT-100HL	Hydraulic	0°	-	5.95:1	830 Kg (1829 Lbs)
	DMT-100IV	Hydraulic	14°	-	2.12:1	715 Kg (1577 Lbs)
	TM-170	Hydraulic	0°	1.50:1-2.04:1-2.50:1-2.94:1	1.50:1-2.04:1	639 Kg (1409 Lbs)
	TM-200B	Hydraulic	0°	-	3.60:1-4.48:1	801 Kg (1767 Lbs)
	TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1	618 Kg (1362 Lbs)
SDZ-205	ZF 68 IV	Hydraulic	12°	1.56:1-2.00:1	-	626 Kg (1380 Lbs)
	DMT-100HL	Hydraulic	0°	-	4.07:1-4.50:1-4.95:1-5.29:1-5.95:1	926 Kg (2042 Lbs)
	TM-1200A	Hydraulic	7°	2.30:1	2.30:1	776 Kg (1711 Lbs)
	TM-170	Hydraulic	0°	1.50:1-2.04:1	-	735 Kg (1621 Lbs)
	TM-200B	Hydraulic	0°	-	3.60:1-4.48:1	898 Kg (1979 Lbs)
SDZ-280	TM-880A	Hydraulic	10°	1.53:1-2.08:1	-	714 Kg (1574 Lbs)
	DMT-100HL	Hydraulic	0°	-	4.07:1-4.50:1-4.95:1-5.29:1	957 Kg (2109 Lbs)
	DMT-100IV	Hydraulic	14°	-	2.12:1	842 Kg (1856 Lbs)
	TM-1200A	Hydraulic	7°	1.44:1-2.00:1-2.30:1	1.44:1-2.00:1	806 Kg (1778 Lbs)
	TM-360	Hydraulic	0°	-	3.50:1-4.00:1-5.00:1	1111 Kg (2449 Lbs)
SK-60	TM-880A	Hydraulic	10°	-	-	745 Kg (1642 Lbs)
	SP 60	Mechanical	0°	-	-	264 Kg (583 Lbs)
	TM-345	Hydraulic	0°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1	246 Kg (543 Lbs)
	TM-345A	Hydraulic	8°	1.54:1-2.00:1-2.47:1	1.54:1-2.00:1	246 Kg (543 Lbs)
	TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1-2.77:1	275 Kg (606 Lbs)
SM-103	TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	1.51:1-2.09:1-2.40:1	275 Kg (606 Lbs)
	TMC-260	Mechanical	0°	1.54:1-2.00:1-2.47:1-2.88:1	1.54:1-2.00:1	239 Kg (527 Lbs)
	TMC-60P	Mechanical	0°	1.55:1	-	235 Kg (518 Lbs)
	ZF 68 IV	Hydraulic	12°	1.56:1-2.00:1	1.56:1-2.00:1	284 Kg (626 Lbs)
	DMT-25AL	Hydraulic	0°	-	-	492 Kg (1084 Lbs)
SM-82	DMT-50A	Hydraulic	0°	-	3.45:1	559 Kg (1232 Lbs)
	PRM-500D	Hydraulic	0°	2.90:1	2.90:1	483 Kg (1064 Lbs)
	PRM-750C	Hydraulic	0°	2.57:1-2.90:1	2.57:1-2.90:1	508 Kg (1120 Lbs)
	TM-170	Hydraulic	0°	1.50:1-2.04:1-2.50:1-2.94:1	1.50:1-2.04:1-2.50:1-2.94:1	490 Kg (1080 Lbs)
	TM-485A1	Hydraulic	8°	2.40:1	-	450 Kg (993 Lbs)
SM-82	TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1-2.60:1	468 Kg (1033 Lbs)
	TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1	467 Kg (1031 Lbs)
	TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	-	467 Kg (1031 Lbs)
	ZF 68 IV	Hydraulic	12°	2.00:1-2.48:1	2.00:1-2.48:1	477 Kg (1051 Lbs)
	TM-170	Hydraulic	0°	1.50:1-2.04:1-2.50:1-2.94:1	1.50:1-2.04:1-2.50:1-2.94:1	388 Kg (856 Lbs)
SM-94	TM-345	Hydraulic	0°	1.54:1-2.00:1	-	337 Kg (744 Lbs)
	TM-345A	Hydraulic	8°	1.54:1-2.00:1	-	337 Kg (744 Lbs)
	TM-485A1	Hydraulic	8°	1.51:1-2.09:1-2.40:1	1.51:1-2.09:1-2.40:1	349 Kg (769 Lbs)
	TM-880A	Hydraulic	10°	1.53:1-2.08:1-2.60:1	1.53:1-2.08:1-2.60:1	367 Kg (809 Lbs)
	TM-93	Hydraulic	0°	1.51:1-2.09:1-2.40:1-2.77:1	1.51:1-2.09:1-2.40:1-2.77:1	366 Kg (807 Lbs)
SM-94	TM-93A	Hydraulic	8°	1.51:1-2.09:1-2.40:1	-	366 Kg (807 Lbs)
	TMC-260	Mechanical	0°	-	-	330 Kg (729 Lbs)
	ZF 68 IV	Mechanical	12°	1.29:1-1.56:1-2.00:1-2.48:1	1.29:1-1.56:1-2.00:1-2.48:1	375 Kg (827 Lbs)

Customize Your Marine Engine

Optimize engine performance, safety, and functionality with electrical and mechanical kits designed to tailor your boat to your sailing style. Elevate your maritime experience with innovative technology and expert service from Solé.



CUSTOMISE YOUR MARINE ENGINE AND TAKE YOUR EXPERIENCE TO THE MAX

At Solé Advance, we understand that every sailor has unique needs. That's why we offer customized solutions to transform your boat with our Mechanical and Electrical Kits, ensuring a perfect fit to your sailing style.

Whether you seek to improve performance, safety, or functionality, our kits are designed to deliver a unique maritime experience.

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Our Electrical Kits for Marine Engines, like the Solé SGC 2000, allow you to monitor your equipment through digital devices, providing ease and convenience. Additionally, Exhaust Temperature Alarm Kits and Leak Alarm Kits ensure your peace of mind, protecting your boat at all times.

COMMITMENT TO QUALITY AND SERVICE

At Solé, we pride ourselves on our maritime heritage and commitment to innovation. Each kit is designed to deliver performance, safety, and comfort, backed by expert and personalized global service.

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Solé Mechanical Kits for Engines significantly improve your engine's performance, adapting to any maritime challenge.

From optimizing the propulsion system to enhancing fuel efficiency, we focus on maximizing your sailing experience.

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TRANSFORM YOUR NAVIGATION WITH SOLÉ

PANELS



SSG 20 PANEL

The new Solé SSG 20 Marine Engine Control Panel represents an advancement in engine control and monitoring, significantly improving on our previous SVT model. This compact panel not only starts the engine and displays key data like RPM, hours of operation, and temperature, but also introduces new customizable alarms for enhanced safety. Its design, without visible electronic boards, offers increased reliability without electronic failures, along with enhanced IP65 and anti-fog protection. Additionally, the SSG 20 allows for color customization of gauges, is easy to install, and is available in 12- or 24-volt options, ensuring reliable and precise navigation. The SSG 20 model is available for engine models MINI-17 to SK-60.



SSG 30 PANEL

The Solé SSG 30 Marine Engine Control Panel is the largest in the innovative Solé SSG panel line. This panel provides comfortable and detailed engine data visualization for Solé engines. It includes three tachometers, allowing comprehensive monitoring of engine performance. The SSG 30 panel ensures maximum safety with alarms adjusted to the engine model and guarantees reliable operation by eliminating electronic board failures. Additionally, it features IP65 and anti-fog protection, elevating the safety level of the Solé control panel. This control panel is easy to install, developed for 12 or 24 volts, and ensures dependable navigation. The SSG 30 model is available for engine models MINI-74 to SDZ-280.

SSG 20 AND SSG 30 REMOTE PANEL

Solé offers the option to install a remote SSG 20 or SSG 30 Control Panel with a dual panel configuration on the boat. The second panel can be installed on any boat equipped with a Solé engine that already has a main SSG 20 or SSG 30 control panel, providing additional control options on board.

TECHNICAL SPECIFICATIONS

	SSG 20	SSG 30
5 Positions	Engine stop Power off Power on Engine preheat Engine start	Engine stop Power off Power on Engine preheat Engine start
Tachometer	Coolant Temp	Coolant Temp
Multifunction	Operating hours Oil pressure value Battery voltage value RPM	Operating hours Oil pressure value Battery voltage value RPM
Thermometer	-	Coolant temperature
Pressure Gauge	-	Oil pressure value



SSG 20 FRONT MOUNTING PACK



SSG 30 FRONT MOUNTING PACK



SSG FRONT MOUNTING PACK

Solé Advance has developed the Front Mount Pack to allow independent connection of the gauges to the SSG panels, making installation more customised in your own helm station.

This pack must be purchased alongside a complete SSG 20 or SSG 30 panel.

SGC 2000

The SGC 2000: Monitor your equipment easily and conveniently through digital devices. This kit includes a converter that transforms analog signals into digital ones using the NMEA 2000 protocol. Once converted, the information is transferred to the onboard multifunction system, giving you full control at all times.

This device is entirely Plug & Play, meaning it requires no installation or programming. Its compact design features IP67 protection.

The SGC 2000 converter is compatible with the Dual Panel Kit, allowing the integration of up to two engines into the NMEA 2000 network. It displays engine alarms and converts signals such as RPM, oil pressure, coolant temperature, and battery voltage into the NMEA 2000 format, ensuring you always have essential engine information at your fingertips.



KILL SWITCH KIT

Kill Switch Kit is a safety device that includes a safety lanyard designed to shut down the engine in case of emergencies, such as an accidental fall into the water or within the boat.

Its Plug & Play installation makes it very easy to use: simply connect the “T” junction following the instructions at each end to determine where it should go, whether to the panel or the engine.

INSTALLATION KITS



DRY EXHAUST KITS

At Solé Advance, we're committed to providing the best solutions to ensure your engine operates safely and efficiently. That's why our standard engines come with a wet exhaust system, where seawater from the cooling circuit mixes with exhaust gases. The water injection point is strategically located at the exhaust elbow to ensure optimal performance.

We understand that each boat has unique needs, so we offer you the option to choose a dry exhaust system. In this system, seawater does not mix with the exhaust gases, allowing for a completely independent exhaust line. With no water inside, the risk of water entering the engine through the exhaust manifold is minimized.

If you choose the dry exhaust system, we'll deliver the engine without the wet exhaust elbow and with one of the following available dry exhaust kits, tailored to your needs:

- **Dry Exhaust Outlet Plate Kit**
Includes an adapter plate, ideal for allowing the customer to adapt their exhaust system directly to the engine.
- **Dry and Flexible Exhaust Kit**
In addition to the flange from the previous kit, this kit includes a flexible elbow for greater versatility.
- **Dry and Silent Exhaust Kit**
This is the most complete solution: it incorporates the dry and flexible exhaust with a silencer for quieter operation.



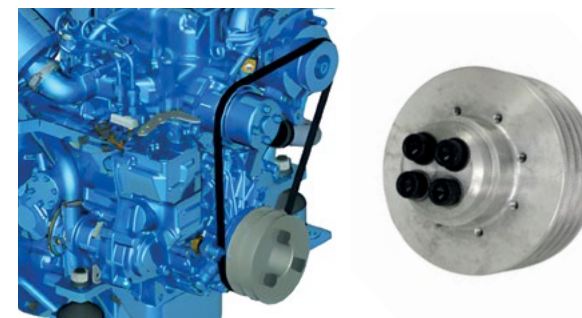
KEEL COOLING

Keel cooling is a closed-loop cooling system installed externally on the hull below the waterline. It functions like an automotive radiator: coolant circulates through the keel cooler, dissipating heat via direct contact with seawater before returning to the engine. This constant contact ensures efficient heat transfer and keeps the engine at its optimal temperature. It's a simple and effective solution that enhances every journey.

Our engines, exclusively designed for keel cooling, include a dry exhaust flange and do not require the conventional seawater cooling circuit.

To meet varying needs, we offer several keel cooler installation options:

- **Embedded:** This hull-mounted installation simplifies mounting and offers protection against damage. Ideal for fast boats, it minimizes drag and can be installed on the side or bottom of the hull.
- **External:** The external installation uses fairing and side plates for added protection and improved aerodynamics. This is common in retrofit projects.
- **Side Mounting:** This method protects the unit and is ideal when bottom mounting is not possible.
- **Internal:** Designed for maritime transport, these compact systems are ideal for freshwater, brackish water, or, with special coatings, seawater.



POWER TAKE-OFF (PTO) KIT

We understand that making the most of your engine's power is essential for efficient performance. That's why our systems are designed to draw power from the engine for use in applications beyond propulsion.

There are different ways to harness this additional power according to your boats' needs:

- **Parallel to the propeller shaft:** A simple and effective option.
- **Through the crankshaft:** You can choose an inline PTO (on the same shaft) or a pulley PTO, where power is transmitted via a belt to a different shaft.
- **Through the timing gear:** For example, by connecting a seawater pump.
- **Via the gearbox:** Maximum versatility!

PTO Shaft/Pulley

Our shaft/pulley systems connected to the engine's crankshaft allow you to utilize part of the engine's power to operate other onboard equipment.

Available Types:

- 2 groove A
- 4 groove A
- Shaft
- 2 groove B
- 4 groove B



BOILER KIT

This kit efficiently harnesses the residual heat generated by the marine engine through a simple hot coolant bypass system. It connects directly to the engine's cooling circuit, allowing this heat to be reused in a practical and sustainable way.

- **Easy installation:** Consisting of just two specific fittings, it can be installed quickly and without technical complications.
- **Performance optimization:** It recovers engine heat that would otherwise be wasted, thereby increasing the vessel's overall energy efficiency.
- **Enhanced onboard comfort:** Provides natural heating by utilizing existing resources without additional electrical power consumption.

What are its practical applications?

- **Interior heating:** Ideal for warming cabins, saloons, heads, and other living spaces, improving comfort in cold climates.
- **Domestic hot water heating:** Can be used to preheat water in tanks or boilers, supplying hot water for onboard showers and galley use.
- **Drying of clothes and wet gear:** By installing radiators or small heat exchangers, it helps keep specific areas dry and comfortable—especially useful after nautical activities.

Key benefits:

- **Reduced energy consumption**
- **Eco-friendly and cost-effective solution** to recover energy already generated by the engine



FUEL LEAK ALARM KIT

This kit is designed to provide extra safety by detecting potential high-pressure fuel leaks between the injection pump and the fuel pipes.

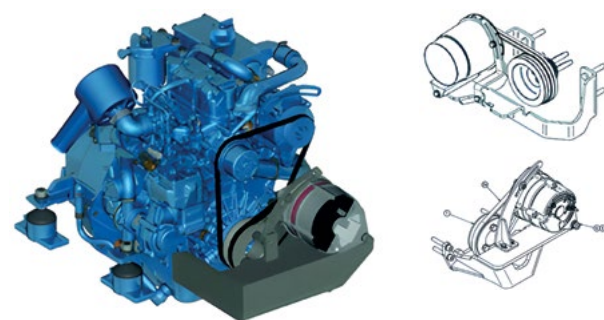
The system includes double-walled tubing and a leak detection transmitter, ensuring efficient and accurate monitoring.



EXHAUST TEMPERATURE ALARM KIT

The ideal solution for adding extra safety to your engine. This system triggers an alert if the wet exhaust gas temperature exceeds the preset value for more than 5 seconds, allowing you to respond promptly and keep everything under control. This occurs when the engine stops receiving seawater.

With this system, you'll navigate confidently, knowing that your engine's performance is always under control!



SECOND ALTERNATOR (FOR 12V OR 24V INSTALLATIONS)

With this second alternator system, connected to the crankshaft via a PTO pulley and mount, you'll have the extra power your boat needs. Whether for 12V or 24V equipment, this system provides additional electrical supply for all your onboard systems, ensuring top performance. Enjoy the peace of mind that comes with knowing you'll always have the energy you need, whenever you need it!



INSULATED GROUND KIT

This electrical isolation kit is designed to protect your engine and surrounding electrical components. It is required for boats with metal hulls, whether aluminum or other conductive materials. Additionally, this installation prevents galvanic corrosion, ensuring greater durability for your boats.

The scope of supply includes the following:

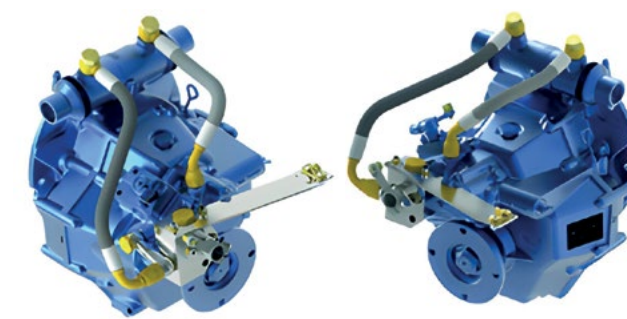
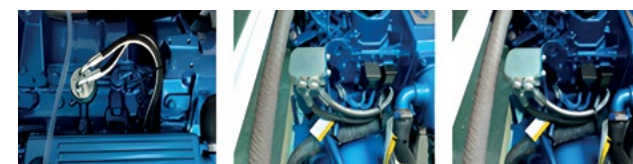
- Components are insulated, including the alternator.
- Sensors are replaced with special two-pole sensors tailored to the requirement.
- The electrical system and installation are replaced.
- Factory verification is performed.

A simple solution to keep your engine and electrical equipment in perfect condition.



REMOTE OIL FILTER KITS

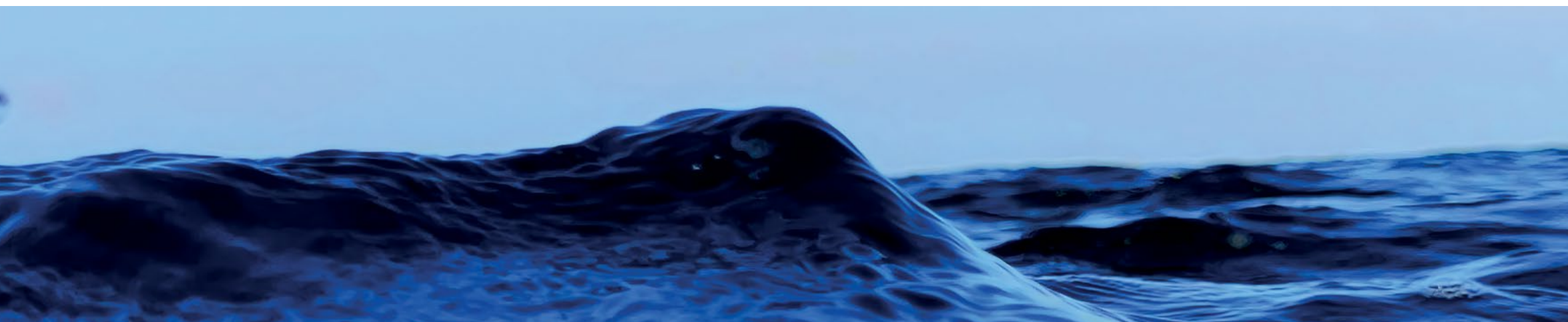
This adapter has been developed to make oil filter use and maintenance easier when access is challenging. With a simple installation, the filter is mounted in a new location, simplifying consumable maintenance. Additionally, the 1-meter cable provides the flexibility you need for installation.



TROLLING VALVE KIT

This by-pass valve, available with all hydraulic gearboxes, efficiently regulates oil pressure, allowing you to adjust the clutch and reduce propeller RPM below the engine's idle speed. It's a reliable solution that enhances your boats' control and performance, providing the confidence to navigate with precision.

**Professional
Maintenance
for Demanding
Sailors**



Keep your engine and generator in top condition with Solé's original accessories.

Find everything you need to start, perform regular maintenance, and keep your equipment in optimal condition. From oil and fuel filters to impellers, anodes, and fuses, not to mention all the essential fluids for your boat's engine.

Explore our complete range and discover how each accessory is designed to maximize the performance and durability of your engine.

GENUINE PARTS AND ACCESSORIES

Discover the difference with Solé Advance: Original Accessories for maximum maritime performance. Ensure the durability and efficiency of your engine with our spare parts and accessories.



ORIGINAL SPARE PARTS, ACCESSORIES, AND CONSUMABLES BY SOLÉ ADVANCE

When you choose a Solé Advance engine or generator, you are opting for the highest quality and exclusive manufacturing.

To ensure that your equipment has a prolonged lifespan and optimal performance, and to avoid any risks that could affect its functioning or your safety, it's essential that you always use original Solé Advance spare parts. These not only extend the durability of our products but are also necessary to maintain the warranty conditions.

Contact your nearest Solé Advance distributor to acquire any spare parts or accessories you need. With our global logistics network, we guarantee a quick and efficient delivery.

SPARE PARTS FOR ALL OUR ENGINES

Purchasing a Solé Advance engine or generator means owning a product of the highest quality, crafted with unmatched dedication. At Solé Advance, we ensure that every engine, both current models and those from our early days in the marine industry, enjoys a long service life. That's why we offer spare parts for all our models, regardless of their age.

With Solé Advance, you can sail with the peace of mind that your engine will always be in top condition.

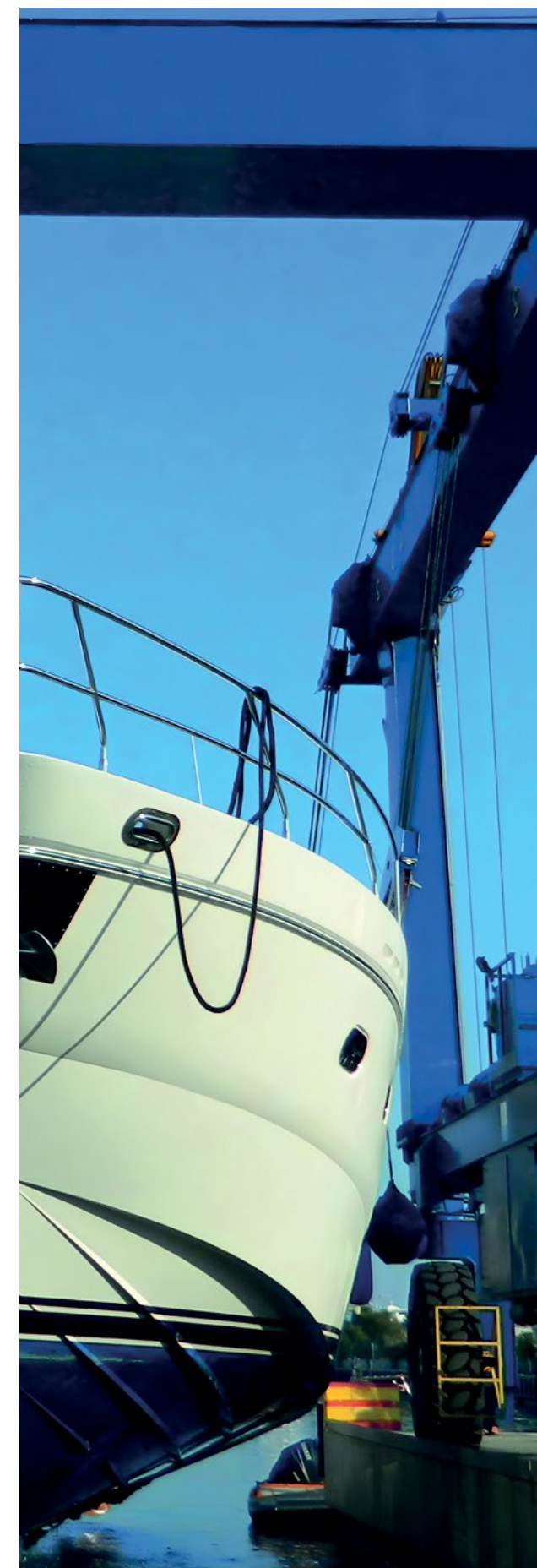
ORIGINAL LUBRICANTS AND FLUIDS FOR MARINE ENGINES

Keep your engine or generator set in top condition with Solé's original fluids.

Our range includes engine oils, transmission oils, and coolant-antifreeze, each specifically formulated to protect and maximize the lifespan of your equipment.

Solé engine oils ensure optimal lubrication, reducing wear and keeping the engine clean and efficient.

Solé transmission oils facilitate smooth operation and extend the durability of internal components. Meanwhile, our coolant-antifreeze protects your engine against extreme temperatures, preventing corrosion and overheating.



Tuning and Maintenance

Comprehensive care and professional maintenance in every pack: everything your boat needs for optimal and long-lasting performance in one convenient package.

Each Solé maintenance pack contains original spare parts, accessories, and consumables. Everything required for regular maintenance of your marine engine.

By always keeping these packs onboard, you ensure maximum efficiency and performance for your engine, guaranteeing safe and smooth sailing. You'll save time and money on service checks, keeping your engine in top condition. Enjoy the peace of mind that comes with having the best technical support wherever you sail. Available through our network of Solé Advance distributors.

Discover them and sail with confidence.

RECOMENDED ON BOARD PACKS



ON BOARD PACK

The Marine Engine Respect Pack is essential for carrying out basic engine maintenance on a boat, ensuring that you are prepared for any unforeseen eventuality during your trip. This pack includes the necessary parts to replace consumable items: oil filter, diesel filter, air filter, anode, belt and a saltwater pump overhaul kit (impeller and gasket).



WELCOME PACK

The Welcome Pack is an accessory pack that includes everything you need to make the first start of your Solé marine engine and a first maintenance of some of its consumable elements. This complete pack contains oil filter, diesel filter, salt water pump overhaul kit (impeller and gasket), belt, anode, fuse, air filter and all the necessary fluids to start the engine. It also includes three spray cans - primer, paint and dielectric protector - to keep the engine looking as good as new.

This pack is a must-have on board before any trip, allowing you to carry out basic maintenance and ensure that your boat's engine is always in top condition. Available in variants to suit all our marine engine ranges.



PACK SENSITIVE SPARE PARTS

This pack includes sensitive spare parts that are recommended to have on board in order to be able to solve the most common breakdowns. These are mainly electrical elements. Within this pack of sensitive spare parts we have the following elements: fuses, relays, glow plugs, thermostat, sensors and contacts, AVR and electrical shutdown.

MAINTENANCE PACKS



PACK 50H

The 50 hours pack contains the elements to perform the first maintenance of engines and groups. This maintenance pack includes engine oil and engine oil filter. In this maintenance only the engine oil and engine oil filter change is performed.



PACK 250H

The pack includes all the components necessary for 250 hours maintenance of engines and generators. It contains engine oil, oil filter, turbine kit and anode. During this service, the engine oil is changed, the oil filter is changed, the salt water pump is serviced and the anode is replaced.



PACK 500H

The 500-hour maintenance pack includes the elements necessary to carry out maintenance on engines and generators. This service includes changing the engine oil and oil filter, maintenance of the salt water pump, replacement of the anode, replacement of the fuel and air filters, and valve adjustment. Includes engine oil, oil filter, turbine kit, anode, fuel filter, air filter and balance cover gasket.



PACK 1000H

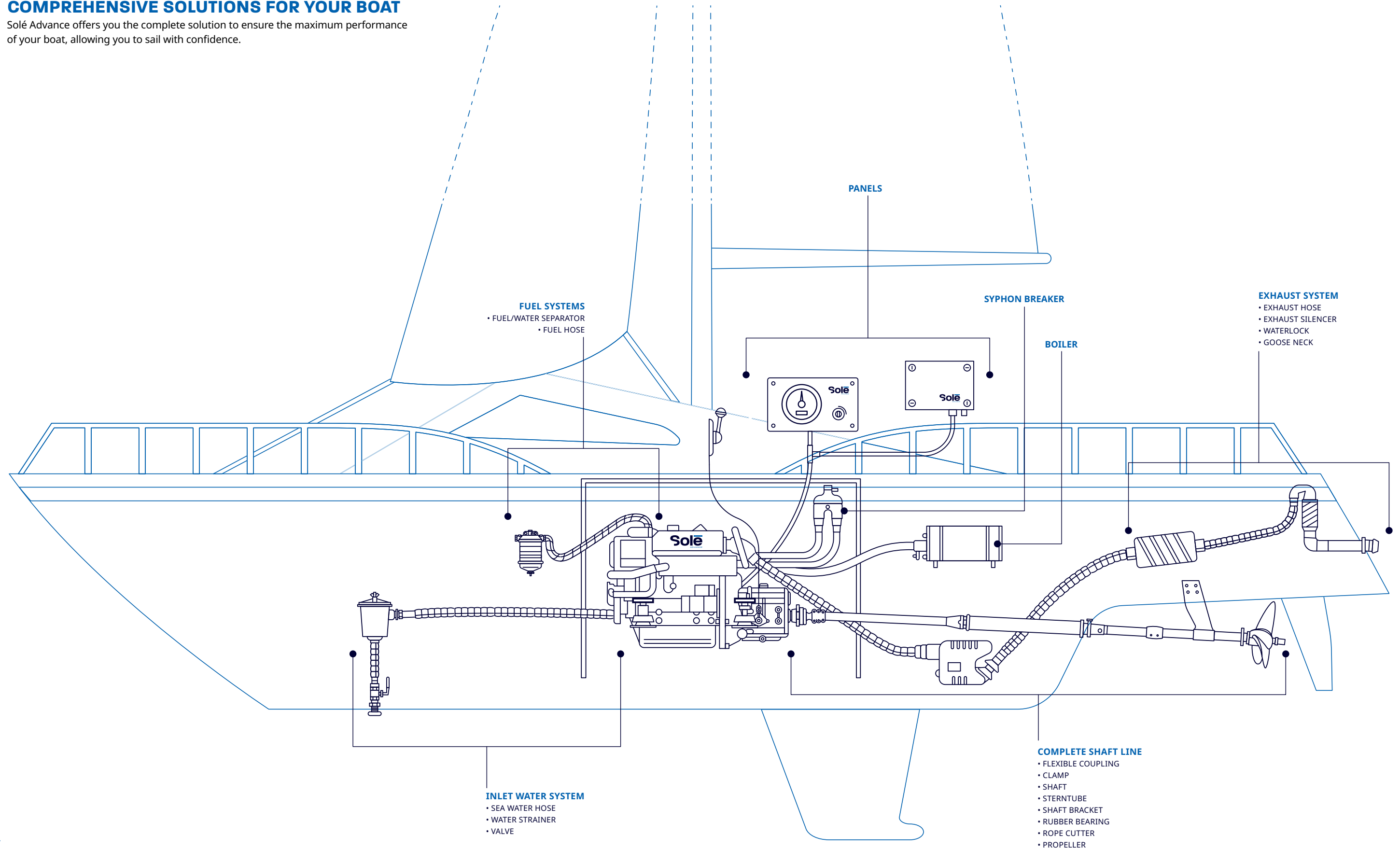
The 1000-hour maintenance pack contains all the elements necessary to perform maintenance on engines and generators. This service includes changing the engine oil and oil filter, maintenance of the salt water pump, replacement of the anode, replacement of the fuel and air filters, valve adjustment, replacement of belts and nozzles, as well as overhaul of the injection pump and turbo.

Including engine oil, oil filter, turbine kit, anode, fuel filter, air filter, rocker cover gasket, injector washer and nozzle, belts, injection pump and turbo gaskets.

SOLE PROPULSION LINE & ACCESSORIES DIAGRAM

COMPREHENSIVE SOLUTIONS FOR YOUR BOAT

Solé Advance offers you the complete solution to ensure the maximum performance of your boat, allowing you to sail with confidence.



Commitment to innovation & excellence



We are driven by a passion to exceed expectations at every stage, from manufacturing to final product. Our commitment to innovation and excellence sets us apart, and the most rigorous certifiers stand behind our dedication.

CERTIFICATIONS

At Solé Advance, we take pride in meeting the most demanding certifications in the industry worldwide, which affirms our ability to tackle the growing challenges in quality, safety, environmental protection, and corporate social responsibility.

We rigorously comply with regulations and standards, reducing risks and improving performance, while promoting sustainable development in all our business activities. We collaborate with today's leading certification companies.



 EFFICIENT SERVICE Quick product delivery and fast, responsive customer support.	 GUARANTEED QUALITY Highly durable and tailor-made products, consistently meeting superior quality standards.	 PROVEN EXPERTISE Extensive technical knowledge of marine products, market requirements, and industry regulations.	 CONSTANT INNOVATION Continuously developing new products and technologies to stay ahead in a competitive marine market.
 PROFESSIONAL TRAINING Enhancing our team's professional and personal growth to ensure excellent customer support.	 PERSONALIZED CUSTOMER CARE Identifying your specific requirements and providing efficient, close technical and commercial assistance.	 CONTINUOUS IMPROVEMENT Committed to efficiency, safety, and sustainability through active team involvement and regular innovation.	 ENVIRONMENTAL COMMITMENT Optimizing resource use, reducing waste, and promoting alternative sustainable technologies.





1912

More than a century of innovation

Founded in 1912 by Enrique Solé Jorba, Solé Advance, formerly known as Solé Diesel, has followed a path marked by innovation and adaptation. We began as a workshop for the construction and repair of carriages, and with time we expanded our activity to include car repairs and other services.

1949

Marine engine experts

Since 1949, we have specialised in the manufacture of Marine Engines, an approach that has positioned us as a benchmark in the re-engining of boats. Since then, we have collaborated with brands such as Lombardini, Mercedes Benz, Perkins and Mitsubishi, with whom we celebrate 40 years of partnership in 2018.



1970/1998

Innovation over time

Milestones such as the launch of the MINI series in 1970 and in particular the iconic MINI-17 model, the production of generating sets since 1998 and the renovation of our workshop in 2020 reinforce our commitment to quality.

1992

Generational Transition & Leadership

Under the management of Enrique Solé Matas since 1992, and with the arrival of the fourth generation led by Marieli Solé in 2014, we continue to expand globally, now present in over 60 countries.



2006

Commitment to Quality

Solé Advance achieved ISO 9001 certification, a recognition of our commitment to quality and excellence in all our processes.



2016

Shaping Future Nautical Leaders

In 2016 we launched the SDAMEP, a training and employment program in collaboration with the University of Barcelona and local nautical schools, which has made Solé a benchmark in training and employment of future professionals in the sector.

2021

Expansion & certification

In 2021, we created Solé Iberia and obtained DNV Type Approval Certification, ensuring maximum performance and safety in our Generator Sets.



2024

New horizons

In 2024, we introduced Solé Advance, marking a new stage in our history.

Solé

ADVANCE

